AUTODOC CLUB

How to change front lower arm on **VW Passat Variant (365)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
VW Passat Variant (365) 1.4 TSI, VW Passat Variant (365) 1.8 TSI, VW Passat Variant (365) 1.6 TDI, VW Passat Variant (365) 2.0 TDI, VW Passat Variant (365) 2.0 TDI 4motion, VW Passat Variant (365) 1.4 TSI EcoFuel, VW Passat Variant (365) 3.6 FSI 4motion, VW Passat Variant (365) 1.4 TSI MultiFuel

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Passat Variant (3C5) 2.0 TDI

REPLACEMENT: FRONT LOWER ARM – VW PASSAT VARIANT (365). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 13
- Drive socket # 16
- Drive socket # 18
- Torx bit T25
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

Buy tools

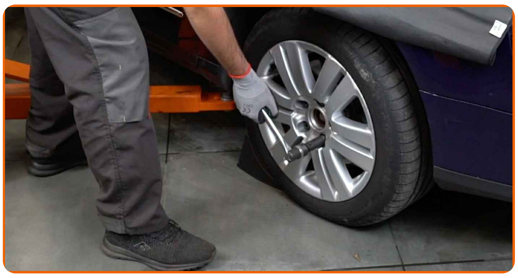
Replacement: front lower arm – VW Passat Variant (365). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – VW PASSAT VARIANT (365). TAKE THE FOLLOWING STEPS:

1. Secure the wheels with chocks.

2. Loosen the wheel mounting bolts. Use wheel impact socket #17.



3. Raise the front of the car and secure on supports.

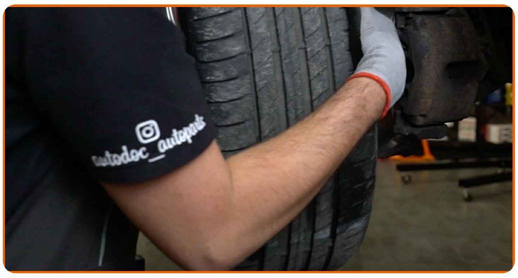
4. Unscrew the wheel bolts.



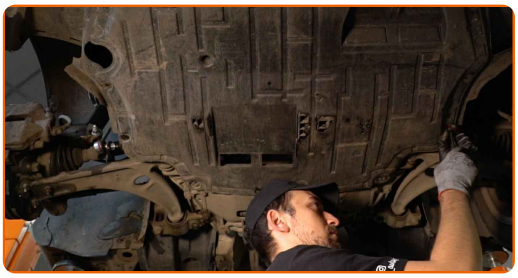
Replacement: front lower arm – VW Passat Variant (365). Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

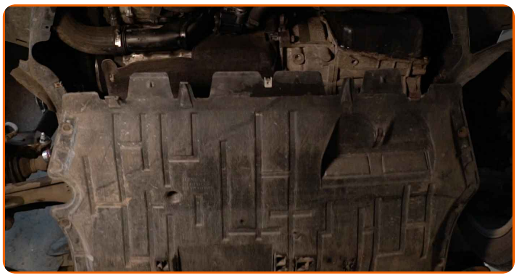
5 Remove the wheel.



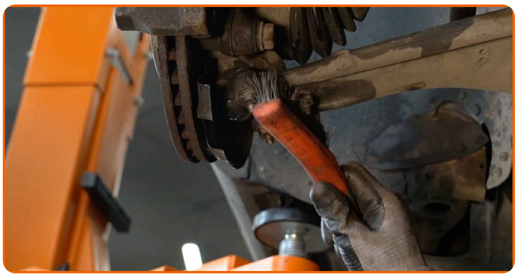
6 Undo the fasteners of the oil pan lower cover. Use a drive socket #13. Use Torx T25. Use a ratchet wrench.



7 Remove the oil pan cover.



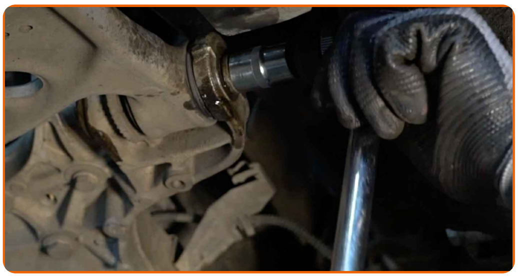
8 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



AUTODOC recommends:

- Replacement: front lower arm – VW Passat Variant (365). After applying the spray, wait a few minutes.
- Wear protective goggles.

9 Unscrew the front arm fastener. Use a drive socket #18. Use a tap wrench.



10 Unscrew the rear fastener connecting the control arm to the car body. Use a drive socket #18. Use a tap wrench.



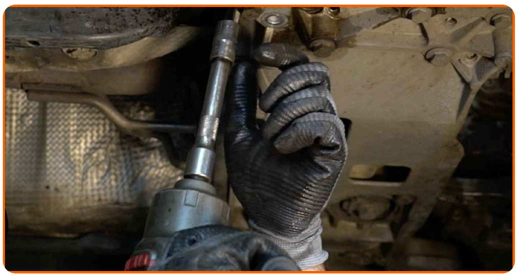
11 Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #16. Use a tap wrench.



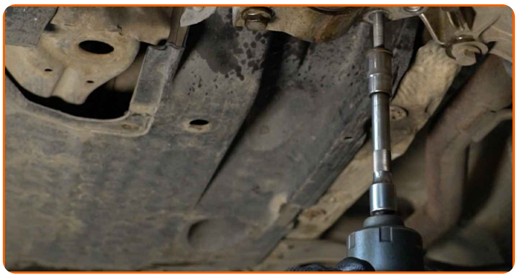
12 Remove the rear fastener of the control arm (2 pieces).



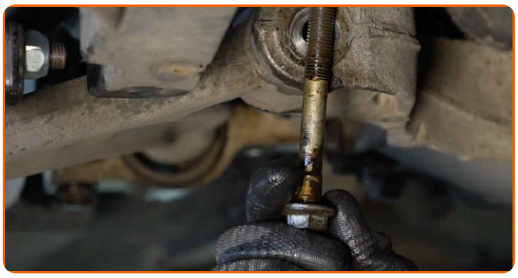
13 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #16. Use a tap wrench.



14 Remove the front fastener of the control arm.



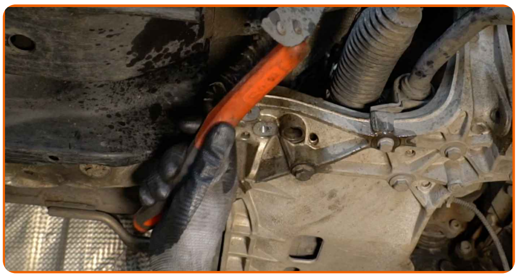
15 Remove the rear fastener of the control arm.



16 Remove the arm. Use a crowbar.



17 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



18 Install a new arm. Use a crowbar.



Replacement: front lower arm – VW Passat Variant (365). AUTODOC recommends:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

19 Install the front fastener of the arm.



20 Screw the front arm fastener. Use a drive socket #18. Use a ratchet wrench.



21 Install the rear fastener of the control arm (2 pieces).



22 Screw the rear fastener connecting the control arm to the car body. Use a drive socket #18. Use a ratchet wrench.

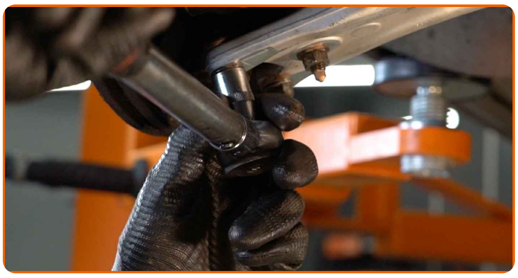


23 Install the rear fastener of the control arm.

24 Screw the rear fastener connecting the control arm to the subframe. Use a drive socket #16. Use a ratchet wrench.



25 Tighten the fasteners of the ball joint. Use a drive socket #16. Use a torque wrench. Tighten it to 60 nm torque.



26 Prop up the steering knuckle. Use a hydraulic transmission jack.



27 Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque.+180°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

28 Tighten the rear fastener connecting the arm to the car body. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque.+180°



Replacement: front lower arm – VW Passat Variant (365). Tip from AUTODOC experts:

- Important! Be sure to use new fasteners.

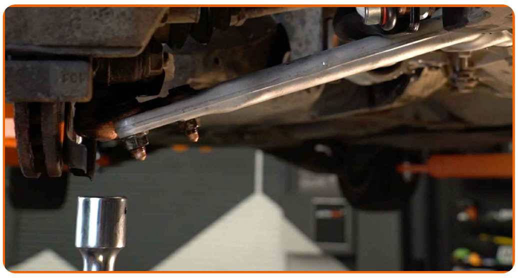
29 Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

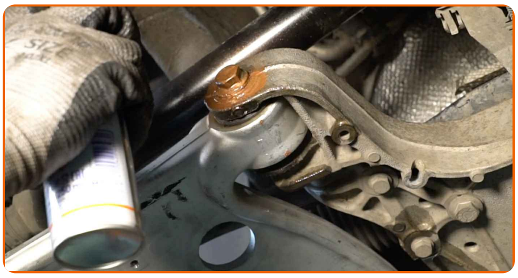
30 Remove the support from under the steering knuckle.



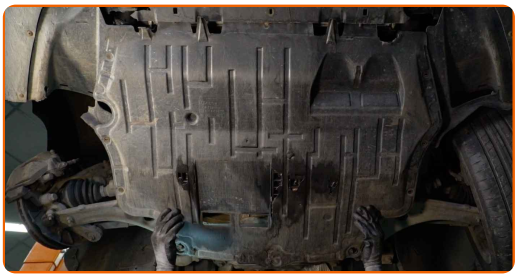
AUTODOC recommends:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

31 Treat all joints of the arm. Use copper grease.



32 Reinstall the oil pan lower cover.



33 Tighten the fasteners of the oil pan lower cover. Use a drive socket #13. Use Torx T25. Use a ratchet wrench.



34

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



35

Clean the brake disk surface. Use a brake cleaner.



Replacement: front lower arm – VW Passat Variant (365). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

36

Install the wheel.



Replacement: front lower arm – VW Passat Variant (365). Professionals recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

37

Screw in the wheel bolts. Use wheel impact socket #17.



38

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



39

Remove the jacks and chocks.

WELL DONE!

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